

IN THE CLAIMS:

Please replace claims 3 and 17 with the following:

3. (Amended) A method of producing in a plant a recombinant multimeric-protein-complex, said method comprising:

936 (a) preparing a first plant comprising cells, said cells comprising oil bodies and a first recombinant polypeptide wherein said first recombinant polypeptide is capable of associating with said oil bodies through an oil-body-targeting-protein;

(b) preparing a second plant comprising cells, said cells comprising oil bodies and a second recombinant polypeptide; and

(c) sexually crossing said first plant with said second plant to produce a progeny plant comprising cells, said cells comprising oil bodies, wherein said oil bodies are capable of associating with said first recombinant polypeptide, and said first recombinant polypeptide is capable of associating with said second recombinant polypeptide to form said recombinant multimeric-protein-complex,

wherein said first recombinant polypeptide is a thioredoxin and said second recombinant polypeptide is a thioredoxin-reductase.

937 17. (Amended) A transgenic plant comprising the chimeric nucleic acid sequence of claim 16.

REMARKS

Any fees that may be due in connection with filing this paper, or during the entire pendency of this application, may be charged to Deposit Account No. 50-1213.

The amendments to the Specification and claims correct minor typographical, formatting and grammatical errors, or the first authorship of a cited reference.

The specification on page 38 is amended to state more clearly that the electron transfer reactions of the redox proteins involve the transport of electrons as defined within the instant paragraph, page 38.